

TEMPERATURE MAINTENANCE SYSTEMS



CP1 Terminated PVC insulated cables

Characteristics

The main characteristic of this type of cable is that there is no extra thickness at the cold junction, identified with a black mark

- cables on request.
- Special production on request.

Applications

CP1 heating cables are mainly incorporated in household electrical or refrigeration equipment and special, mass-produced machines requiring protection against freezing or temperature maintenance.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.

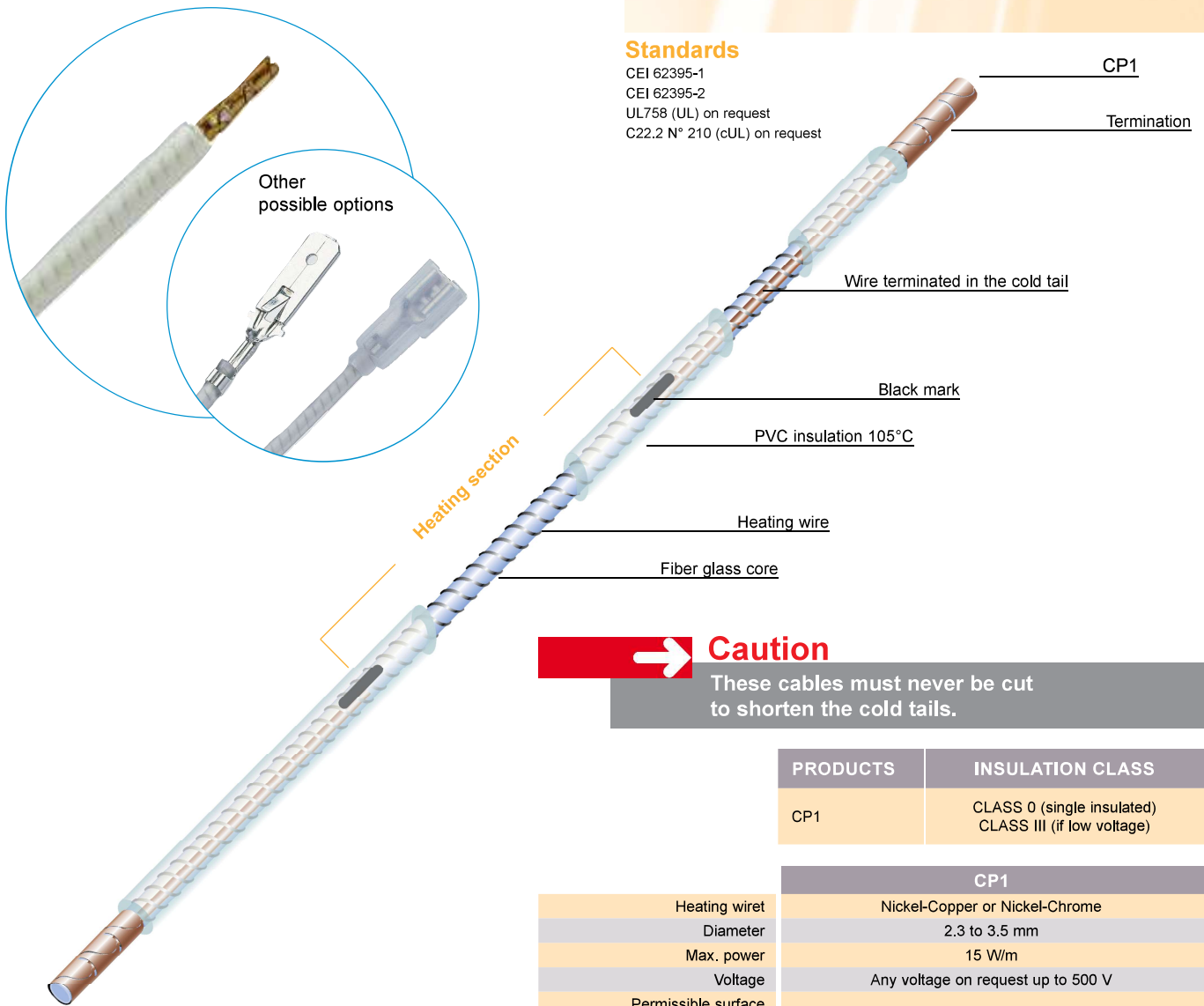


Standards

- CEI 62395-1
- CEI 62395-2
- UL758 (UL) on request
- CE22.2 N° 210 (cUL) on request



CP1 Termination



Caution
 These cables must never be cut to shorten the cold tails.

PRODUCTS	INSULATION CLASS
CP1	CLASS 0 (single insulated) CLASS III (if low voltage)

CP1	
Heating wire	Nickel-Copper or Nickel-Chrome
Diameter	2.3 to 3.5 mm
Max. power	15 W/m
Voltage	Any voltage on request up to 500 V
Permissible surface temperature	from - 30°C to + 105°C
Tolerances	Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 %
Max. current	2 A
Ingress protection code	IP 66
Minimum bending radius	6 x the diameter

Use

Heating cables are series resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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